

COURSE DESCRIPTION

Code: 5KAS/STASP17**Course title:** Statistics for Social Work**Field of study:****Guarantor:** prof. ThDr. Ján Šafin, PhD.**Lectured by:** Department of Christian anthropology a Social work**Semester:**
ST**Contact lessons:** Lecture, Seminar**Recommended course load (in lessons):****Weekly:** 1/1**Per course:** 13,13**Number of
ECTS credits:** 2**Prerequisite(s):****Course assessment and completion:** Priebežné hodnotenie**Continuous assessment:****Final assessment:**

During the credit week, the student enters the knowledge test. To obtain the A rating must obtain at least 92%, to obtain the B rating must obtain at least 84%, to obtain the C rating must obtain at least 76%, to obtain the D rating must obtain at least 65%, to obtain the E rating must obtain at least 51%. A student who earns less than 51% will be ranked FX.

Course objective:

Graduate of the subject:

- Define and interpret basic statistical terms with their own words;
- describe and apply sampling methods;
- identify basic mean values;
- Apply selected statistical tests and decide on statistical significance.

Course content:

Basic statistical concepts. Population and sample.

Sampling methods. Data collection. Data analysis. Presentation of the results.

Calculation of arithmetic mean. Pivotal coefficient. Determination of median, modus, variation range, selection standard deviation, variation coefficient and quartile deviation. Reliability analysis.

Cronbach's alpha. Factor analysis. Chi - squared distribution. Student's t distribution. Fisher F - division. Estimates of parameters. Test hypothesis.

Method of testing statistical hypotheses. Normality tests. Single - shot t - test. Chi - square test of good match. Chi - square test of independence.

The confidence interval for the mean value and for the relative magnitude of the alternate character. Kendell coefficient of correspondence.

Textbooks and references:

HENDL, J., 2006. Přehled statistických metod zpracování dát: analýza a metaanalýza dát. Praha: Portal. ISBN 80-7367-123-9.

CHRASKA, M., 2007. Metódy pedagogického výskumu. Praha: Grada. ISBN 978-80-247-1369-4.

JUSZCZYK, S., 2003. Metodológia empirických výskumov v spoločenských vedách. Bratislava: Iris. ISBN 80-89018-13-0.

KUZYŠIN, B., 2012. Synteticky o analýze: Aplikačné možnosti vybraných analytických postupov vo výskumnom a diagnostickom procese sociálnej práce. Prešov: Prešovská univerzita v Prešove, Pravoslávna bohoslovecká fakulta. ISBN 978-80-555-0673-9.

Language of instruction:

Slovak, Czech

Guarantor's signature and the date of course description's last**modification:** 01.09.2020